Insert plan lamp control LP 162-916-000/D for 100 Watt and 150 Watt version

Adjustment range lamp to 15 Volt:	R 11 -> 33 K 2
Adjustment range fan power:	R 50 -> 825 K
	R 43 -> 82 K

J 5:
Measuring point for lamp voltage (DC). The measuring result is ten times smaller than the real voltage.

Pot1:
Three different voltages must be checked, if necessary adjusted:

1. 12 V Standard illumination: 1,236 V (DC 1,236 x 10 = 12,36 Volt real)
2. 12 V Cold light illumination: 1,198 V (DC 1,198 x 10 = 11,98 Volt real)
3. 15 V Cold light illumination: 1,498 V (DC 1,498 x 10 = 14,98 Volt real)

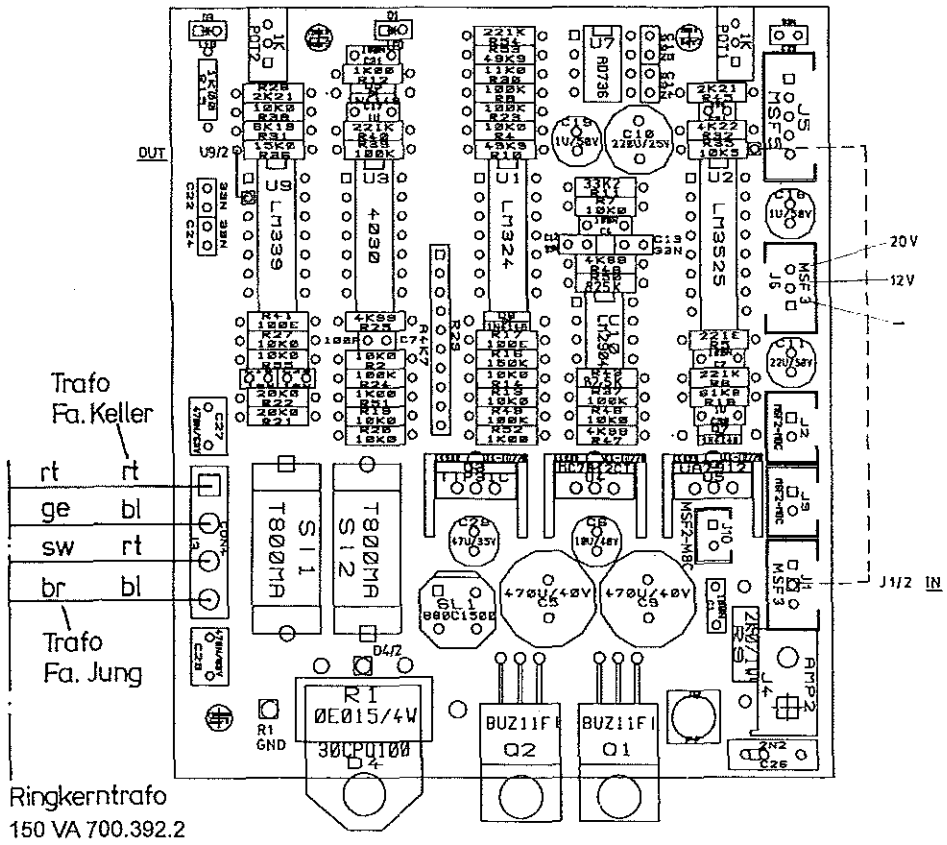
J2:
Connector for temperature sensor

J1:
Connector for rheostat for brightness control (suspension arm)

J6:
Connector for XY – coupling / Focus / Zoom MOT. Appointed to motor electronic board starting with serial number 6000

J9:
Connector for main fan

J10:
Connector for additional fan in 150 Watt version



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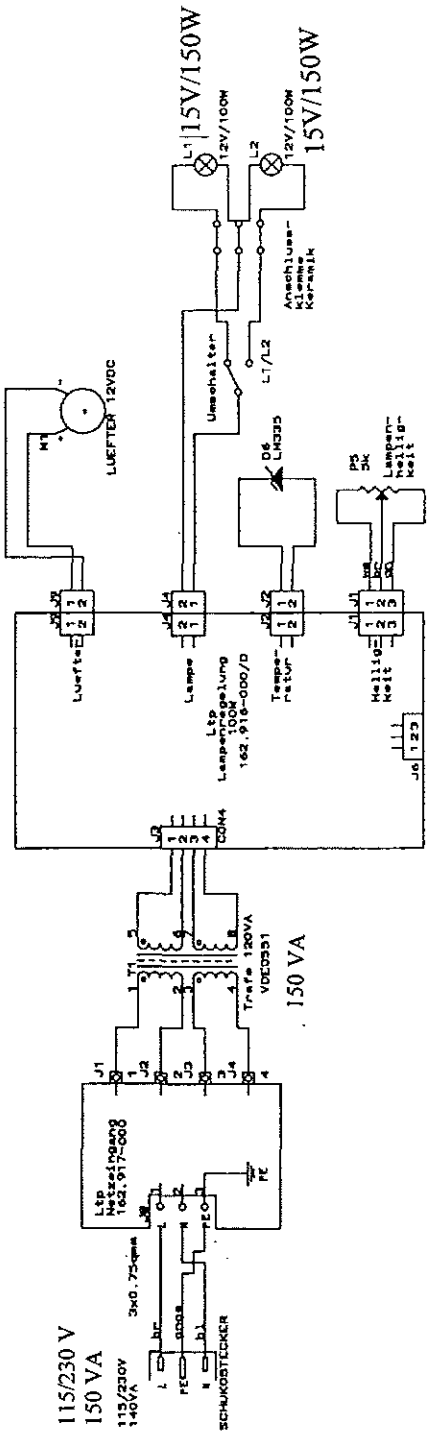

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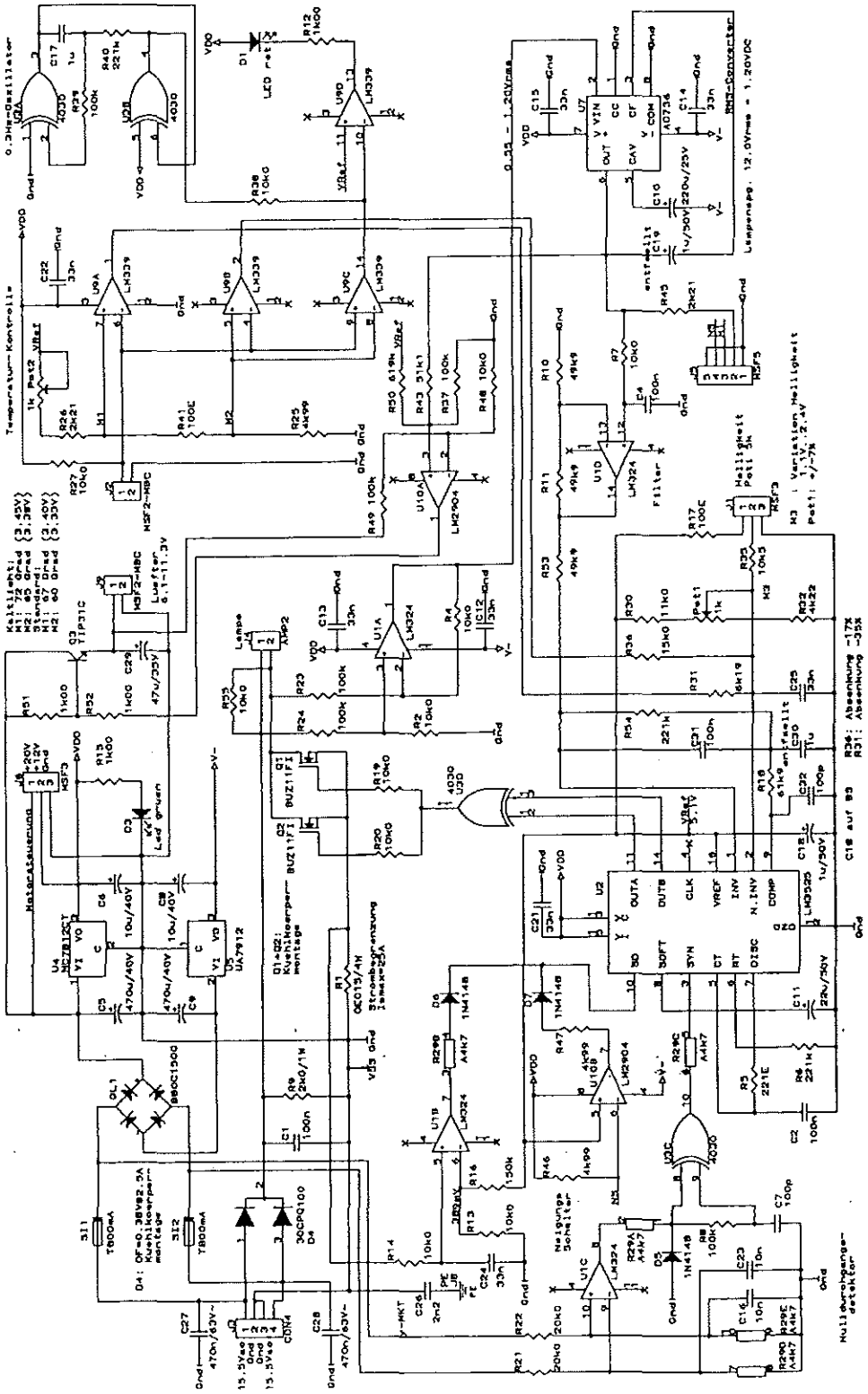
Circuit diagram for lamp control 100 W and 150 Watt (162-916-000/D)

Karl Kaps GmbH & Co.KG
SERVICE INFORMATION
SOM 22 / 32 / 42 / 52 / 62 / 82

STROMLAUFPLAN / CIRCUIT DIAGRAM
Lampenregelung 100 W 162.916-000 / D (SIp)
Lamp control 100 W 162.916-000 / D (SIp)



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Changings for 150 Watt to 100 Watt illumination unit

- Additional prepared fan
  Type Sunon KDE 1206 PH 52 with resistant R = 34 Ohm / 1 W

- Transformer id.nr. 700.392.2
  150 VA 2 x 115 V 2 x 0,62 A
  2 x 17,5 V 2 x 5,0 A

- Primary fuse 2 x 1 A